

**PROCESS AND APPARATUS FOR THE THERMAL DEGASSING  
OF THE WORKING MEDIUM OF A TWO-PHASE PROCESS**

Abstract

5                   A process is disclosed for thermally degassing a condensate or feedwater  
by heating the condensate or feedwater in a feedwater vessel/degassing means, to which  
preheated condensate is fed and from which feedwater for heating surfaces heated in a  
heat recovery steam generator is removed. Structurally simple degassing, advantageous  
in thermal terms, is achieved by virtue of the fact that the condensate is preheated in a  
10 first condensate preheater, and that a partial stream of the preheated condensate, which is  
preheated further in a second condensate preheater, is used to heat the condensate or  
feedwater in the feedwater vessel/degassing means.